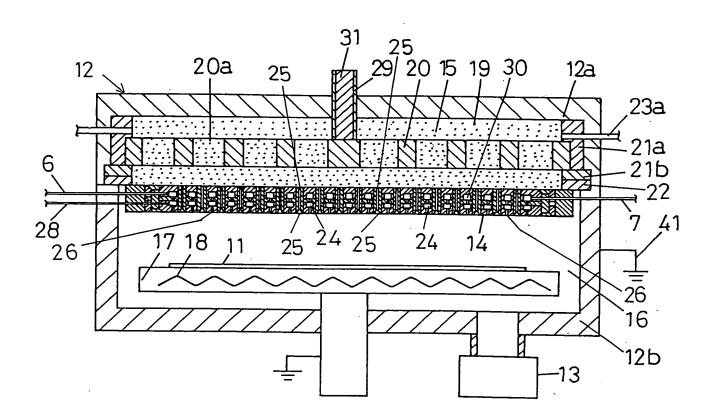
TITLE: FILM-FORMING METHOD FOR FORMING...

Inventor(s): Akira Kumagai et al. Application Serial No: 001425-127

SHEET 1 of 5

F1G. 1



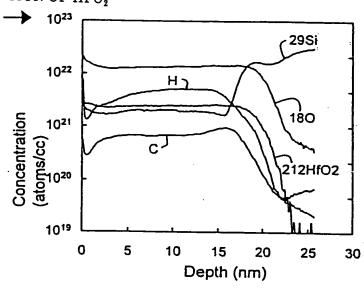
TITLE: FILM-FORMING METHOD FOR FORMING...

Inventor(s): Akira Kumagai et al.

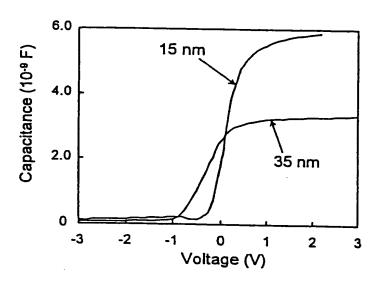
APPLICATION SERIAL NO: 001425-127 SHEET 2 of 5

F1G.2





F1G.3



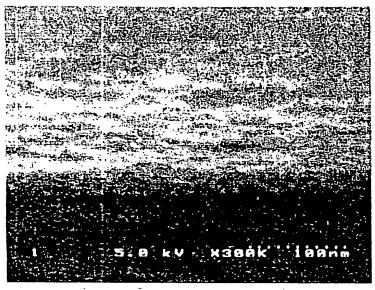
DEPENDENCY OF HIGH FREQUENCY C-V PROPERTY ON FILM THICKNESS

TITLE: FILM-FORMING METHOD FOR FORMING...

INVENTOR(S): AKIRA KUMAGAI ET AL. APPLICATION SERIAL NO: 001425-127

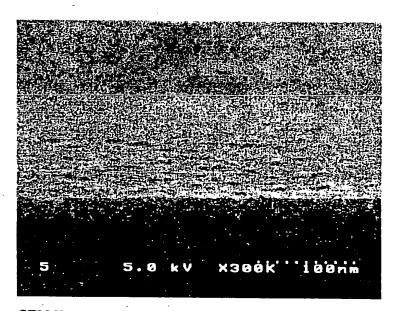
SHEET 3 of 5

F1G. 4(a)



SEM IMAGES OF HFO $_2$ FILMS (FILM THICKNESS:28nm) FILM FORMED BY USING O₂ GAS (COMPARATIVE SAMPLE)

F1G. 4(b)



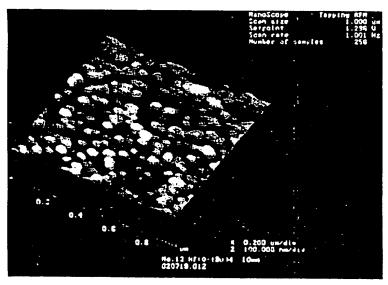
SEM IMAGES OF HFO, FILMS (FILM THICKNESS:28nm) FILM FORMED BY USING OXYGEN RADICAL

TITLE: FILM-FORMING METHOD FOR FORMING...

INVENTOR(S): AKIRA KUMAGAI ET AL. APPLICATION SERIAL NO: 001425-127

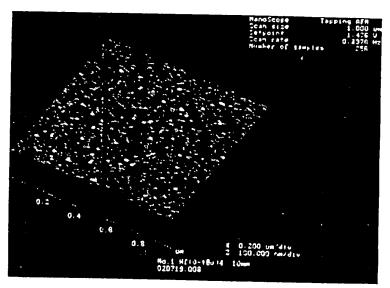
SHEET 4 of 5

F1G. 5(a)



AFM IMAGES OF HFO₂ FILMS (FILM THICKNESS:35nm) FILM FORMED BY USING O₂ GAS (COMPARATIVE SAMPLE)

F1G. 5(b)

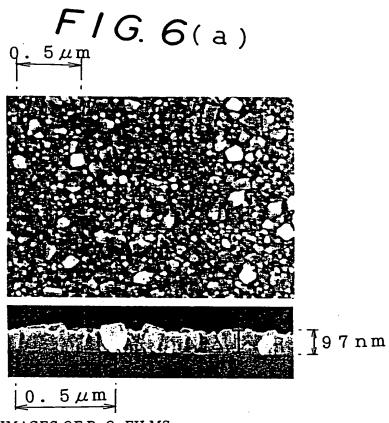


AFM IMAGES OF HFO₂ FILMS (FILM THICKNESS:35nm) FILM FORMED BY USING OXYGEN RADICAL

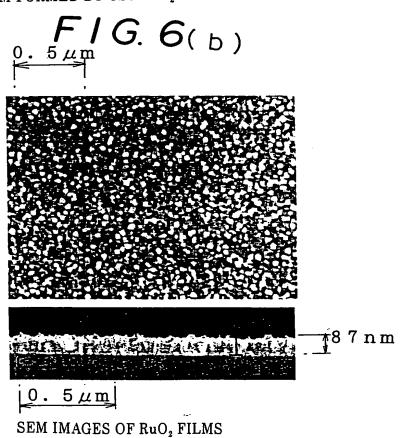
TITLE: FILM-FORMING METHOD FOR FORMING... INVENTOR(S): AKIRA KUMAGAI ET AL.

APPLICATION SERIAL NO: 001425-127

SHEET 5 of 5



SEM IMAGES OF RuO₂ FILMS FILM FORMED BY USING O₂ GAS (COMPARATIVE SAMPLE)



FILM FORMED BY USING OXYGEN RADICAL